Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062392.D
Acq On : 15 May 2019 17:06
Operator : FY/SY
Sample : K2807-04
Misc : 6.31g/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 16 03:58:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	654008	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	898227	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	720319	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	278121	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	310412	51.07	ug/l	0.03
Spiked Amount 50.000			Recovery = 102.14%			
35) Dibromofluoromethane	6.93	113	347359	46.61	ug/l	0.03
Spiked Amount 50.000			Recovery = 93.22%			
50) Toluene-d8	10.41	98	656274	36.52	ug/l	0.01
Spiked Amount 50.000			Recovery = 73.04%			
62) 4-Bromofluorobenzene	13.56	95	260665	36.12	ug/l	0.01
Spiked Amount 50.000			Recovery = 72.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.99	59	70307	226.623	ug/l #	76
16) Acetone	3.23	43	115050	90.265	ug/l #	84
17) Carbon Disulfide	3.38	76	21248	1.481	ug/l	97
18) Methyl Acetate	3.65	43	4892	1.854	ug/l #	53
20) Methylene Chloride	3.82	84	25423	4.777	ug/l #	89
25) 2-Butanone	6.09	43	2985	2.147	ug/l #	56
29) Tetrahydrofuran	6.47	42	1517	2.368	ug/l #	40
31) Cyclohexane	7.04	56	15393	2.414	ug/l #	14
36) 1,1-Dichloropropene	7.05	75	50513	6.859	ug/l #	48
37) Ethyl Acetate	6.16	43	10072	3.225	ug/l #	54
38) Carbon Tetrachloride	7.05	117	66007	6.476	ug/l #	16
39) Methylcyclohexane	8.87	83	7754	1.099	ug/l #	84
59) 2-Hexanone	11.49	43	2849	1.358	ug/l #	27
74) N-amyl acetate	13.22	43	4859	1.112	ug/l #	47
76) 1,2,3-Trichloropropane	13.56	75	109253	33.054	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.93	105	17108	1.219	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.56	75	113261	121.383	ug/l #	16

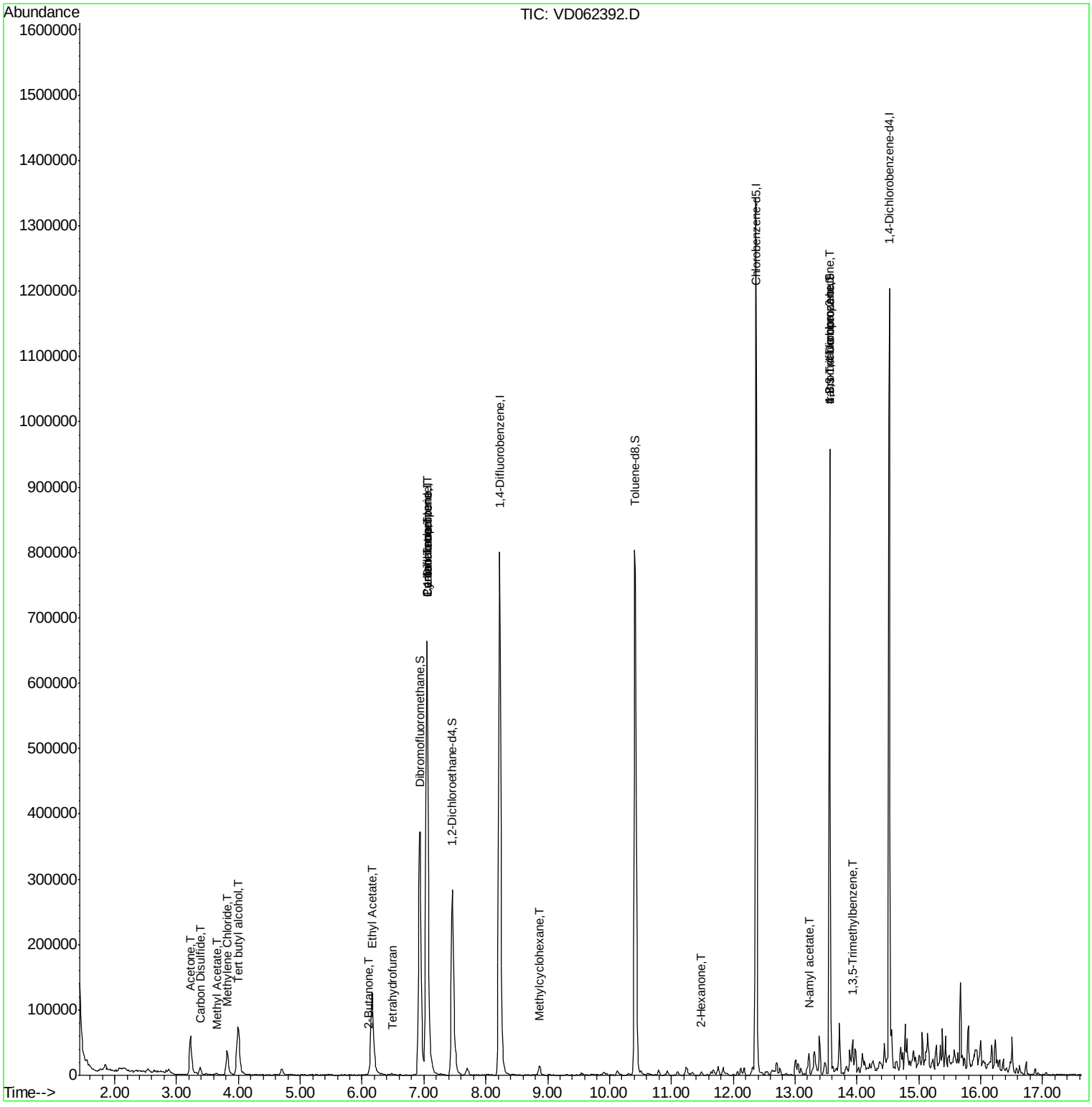
(#) = qualifier out of range (m) = manual integration (+) = signals summed

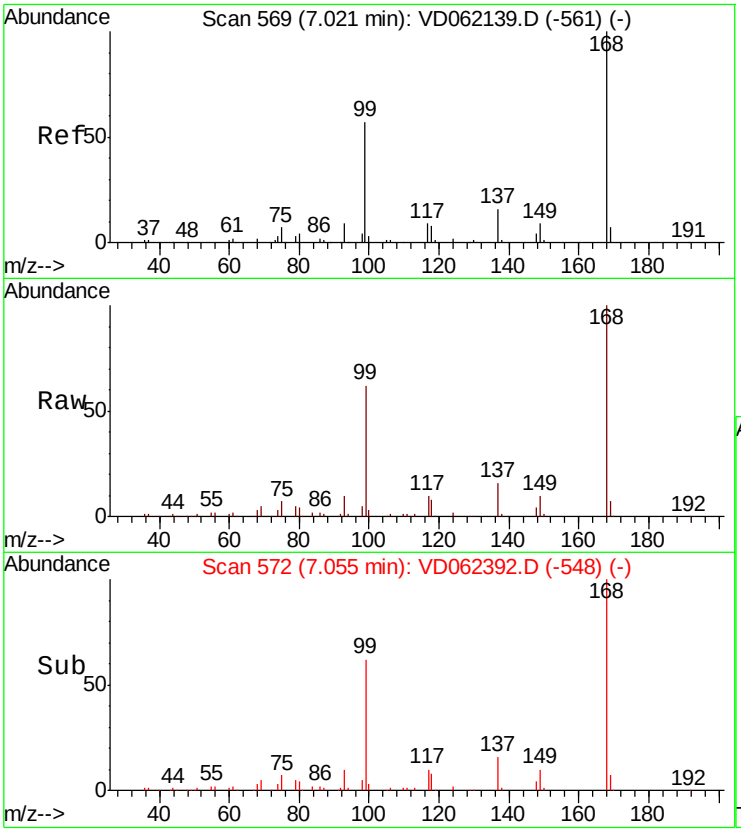
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062392.D
Acq On : 15 May 2019 17:06
Operator : FY/SY
Sample : K2807-04
Misc : 6.31g/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 16 03:58:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



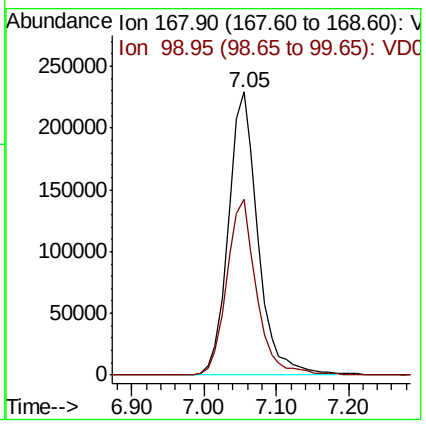


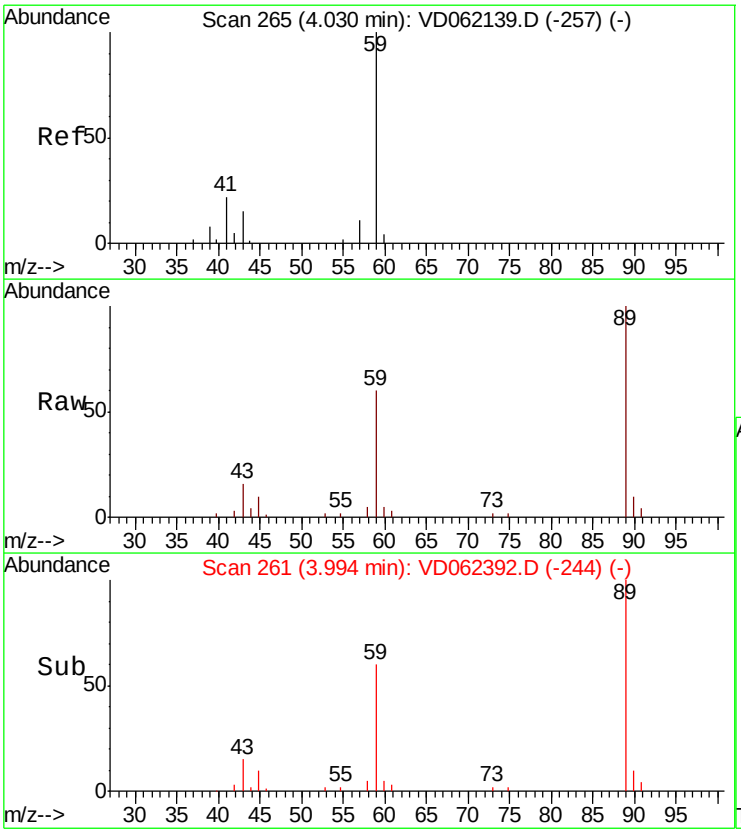
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 654008

Ion	Ratio	Lower	Upper
168	100		
99	62.3	46.5	69.7

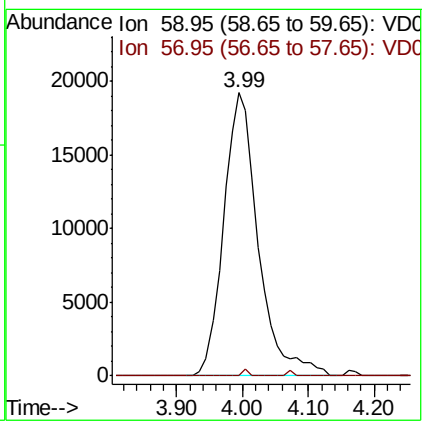


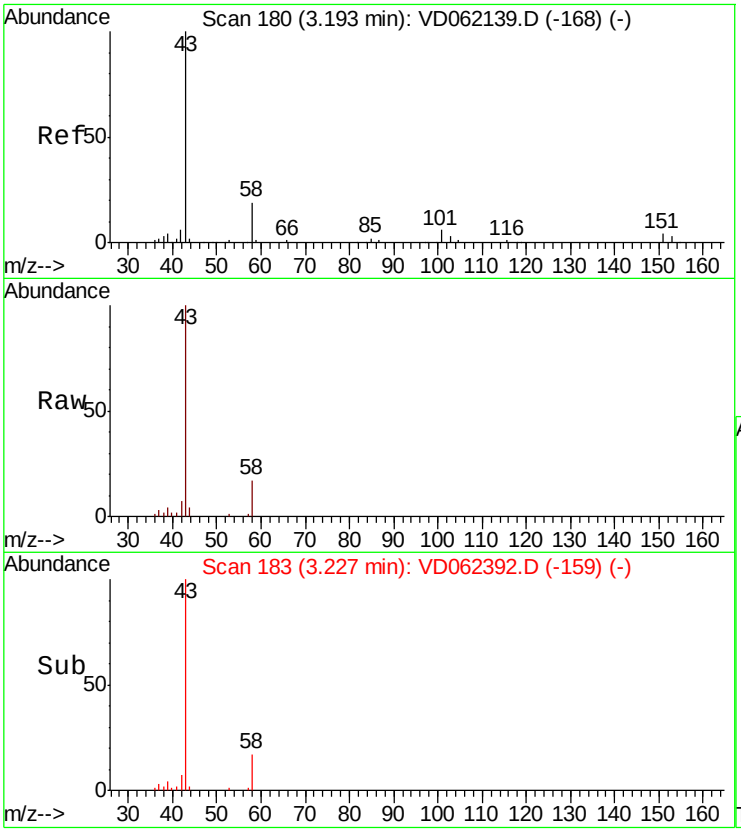


#11
Tert butyl alcohol
Concen: 226.623 ug/l
RT: 3.99 min Scan# 261
Delta R.T. -0.04 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 59 Resp: 70307

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#



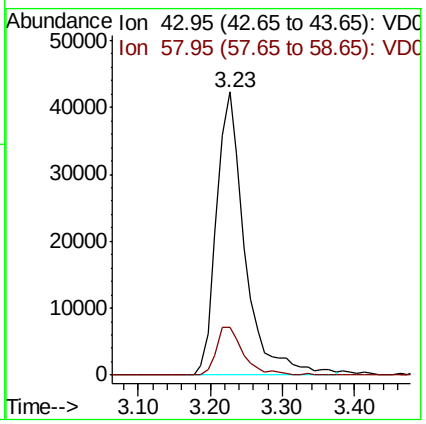


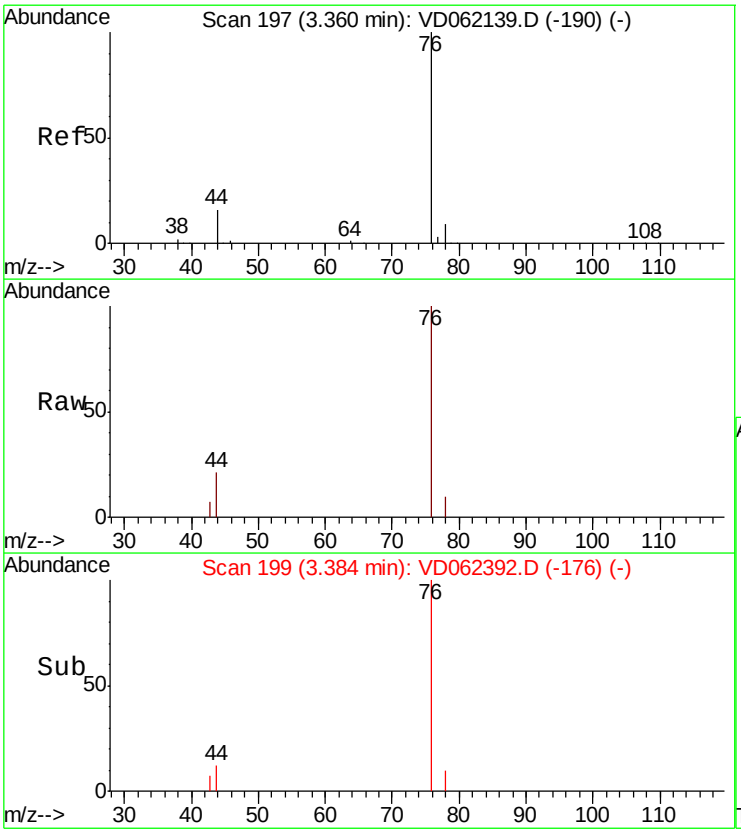
#16
Acetone
Concen: 90.265 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 115050

Ion	Ratio	Lower	Upper
43	100		
58	17.0	19.9	29.9#

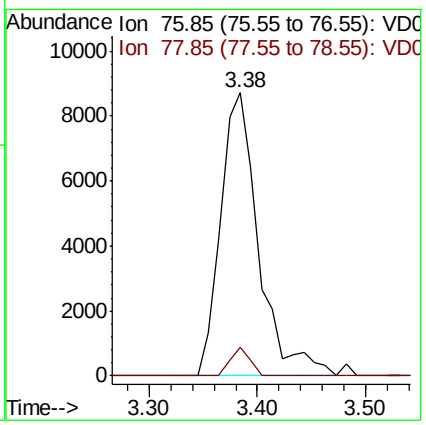


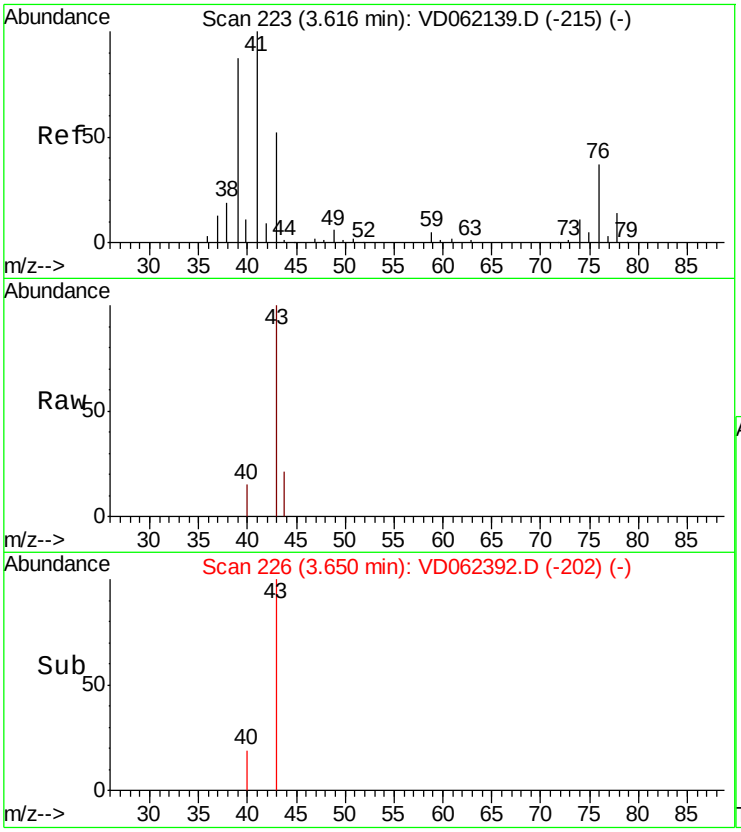


#17
Carbon Disulfide
Concen: 1.481 ug/l
RT: 3.38 min Scan# 199
Delta R.T. 0.02 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 76 Resp: 21248

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.2	10.8



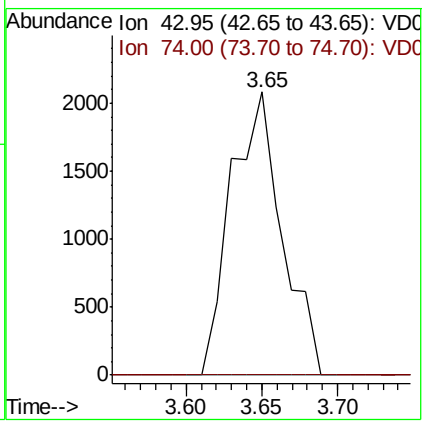


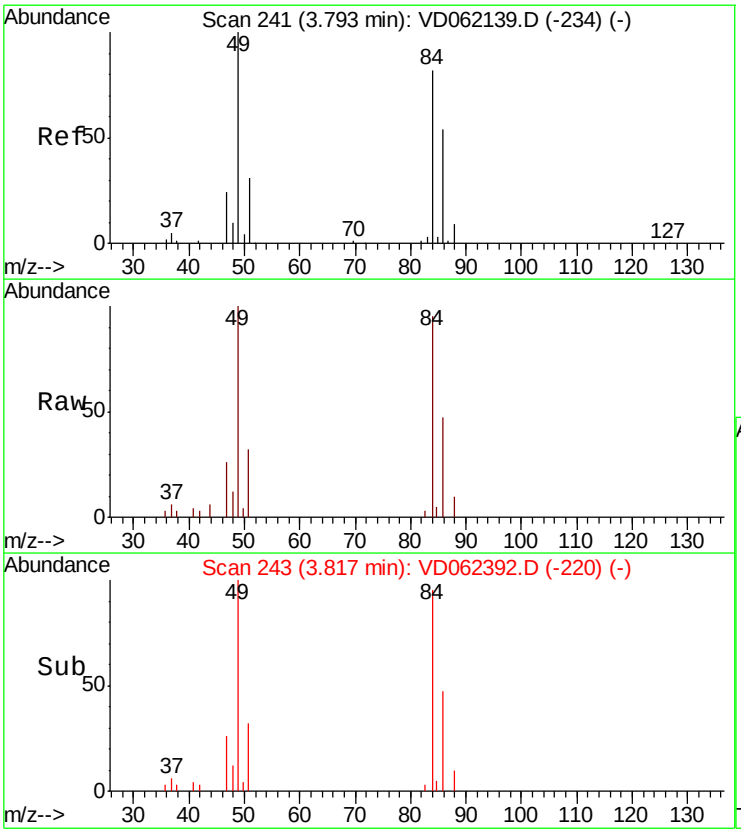
#18
Methyl Acetate
Concen: 1.854 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4892

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

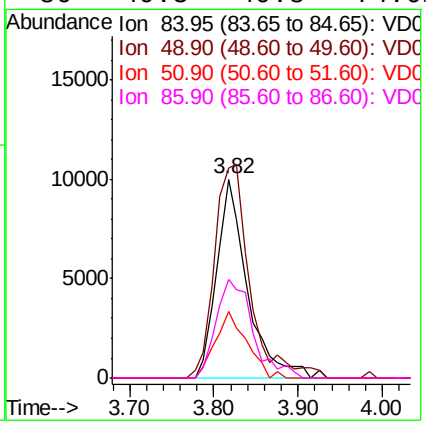


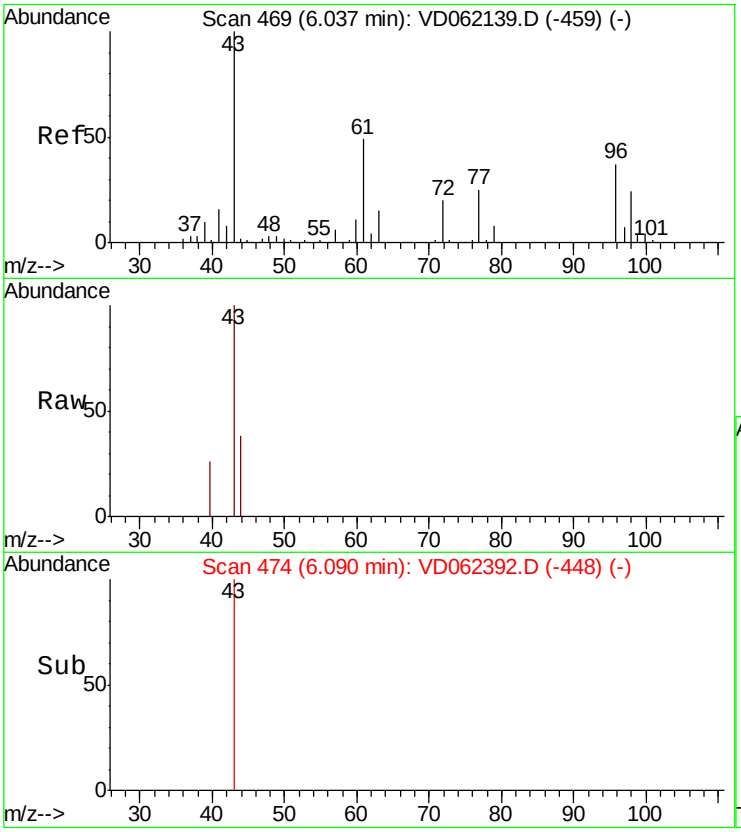


#20
Methylene Chloride
Concen: 4.777 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 84 Resp: 25423

Ion	Ratio	Lower	Upper
84	100		
49	105.6	94.0	141.0
51	33.6	29.0	43.4
86	49.3	49.8	74.6#



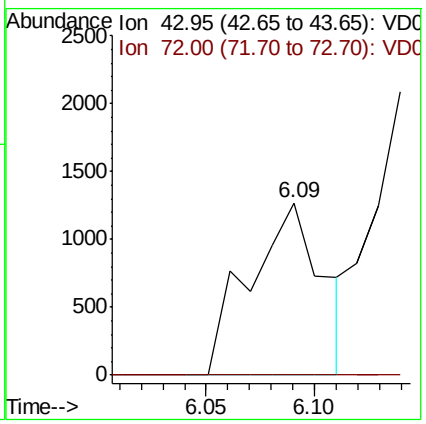


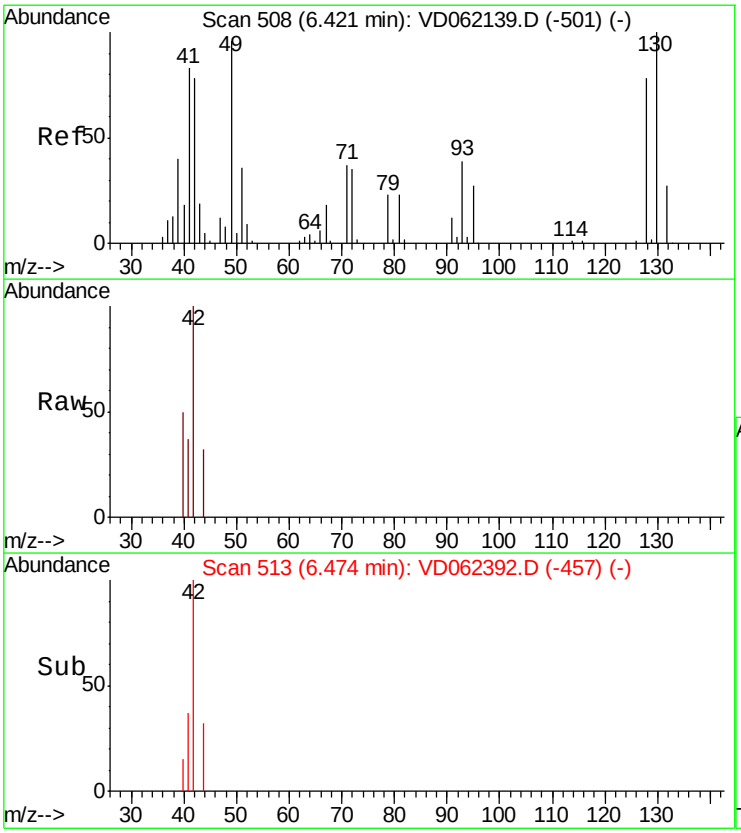
#25
2-Butanone
Concen: 2.147 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.05 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2985

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

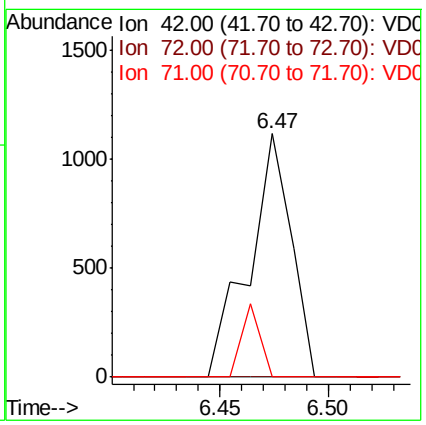


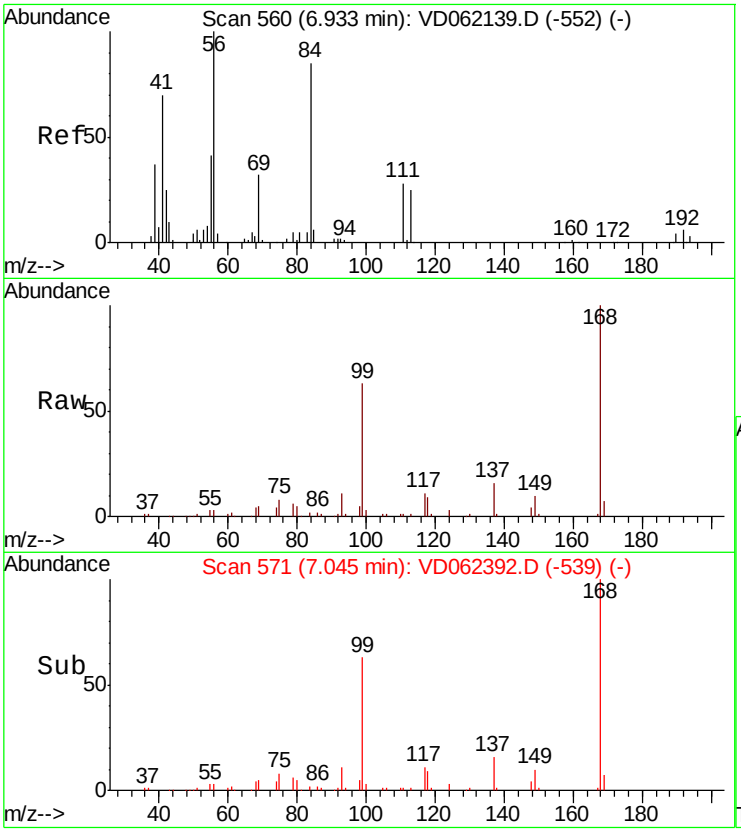


#29
Tetrahydrofuran
Concen: 2.368 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.05 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 42 Resp: 1517

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	13.1	36.7	55.1#



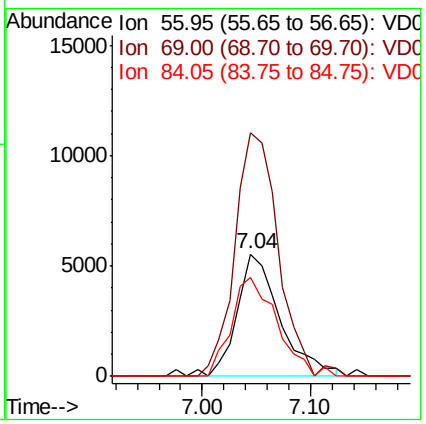


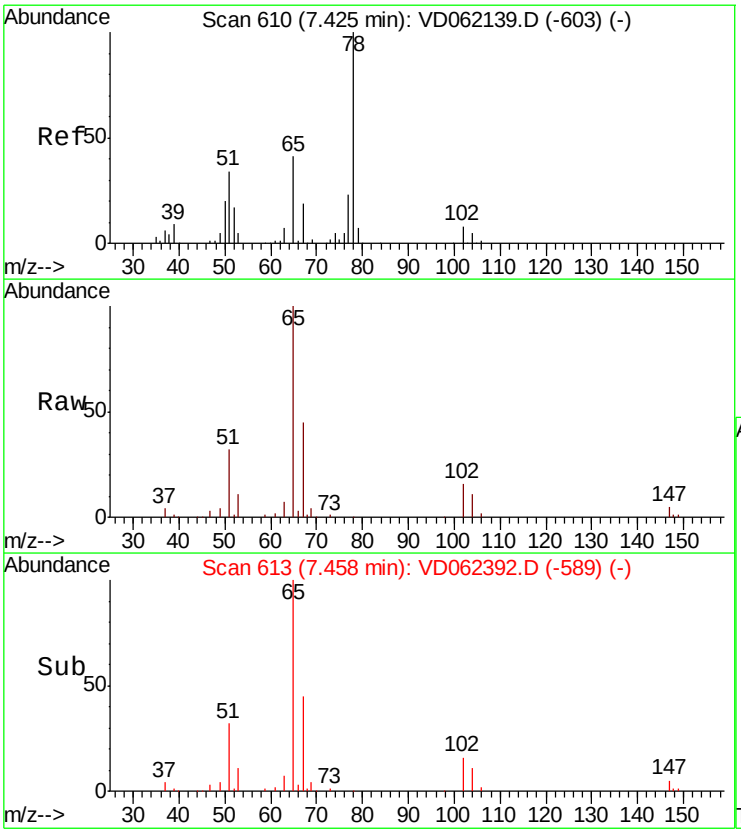
#31
Cyclohexane
Concen: 2.414 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 15393

Ion	Ratio	Lower	Upper
56	100		
69	198.5	25.8	38.6#
84	80.8	72.2	108.4

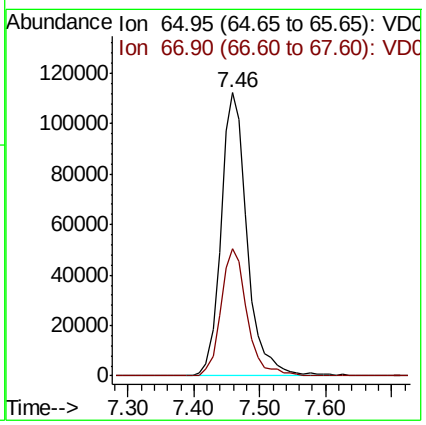


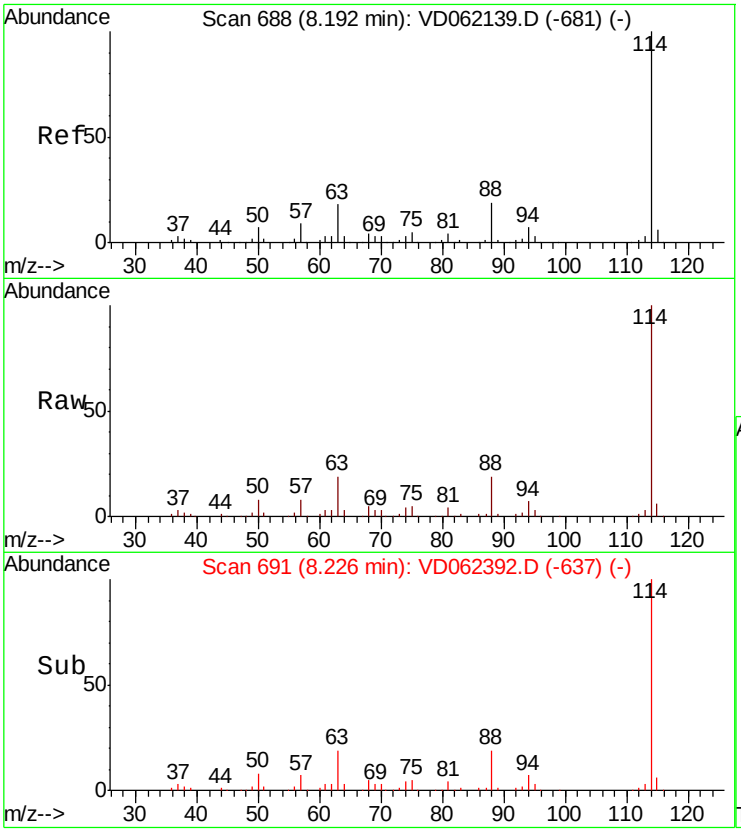


#33
1,2-Dichloroethane-d4
Concen: 51.073 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 65 Resp: 310412

Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	98.0



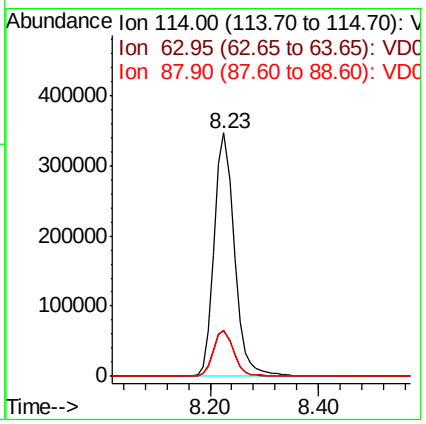


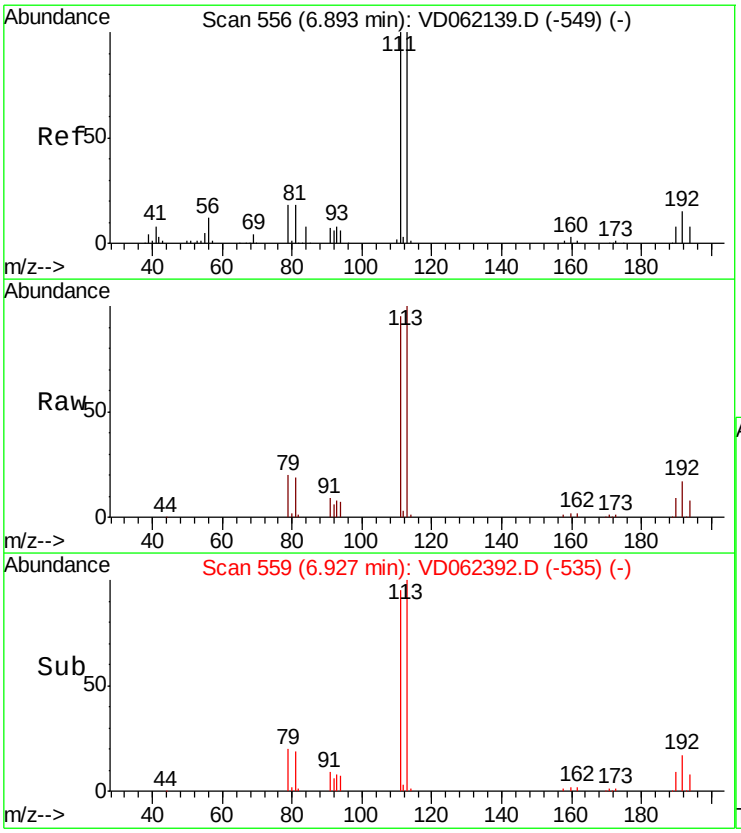
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 898227

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	32.4
88	18.9	0.0	33.6

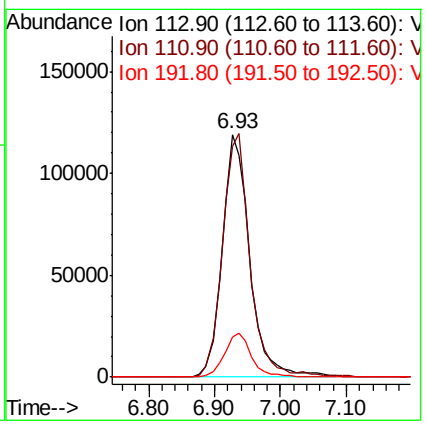


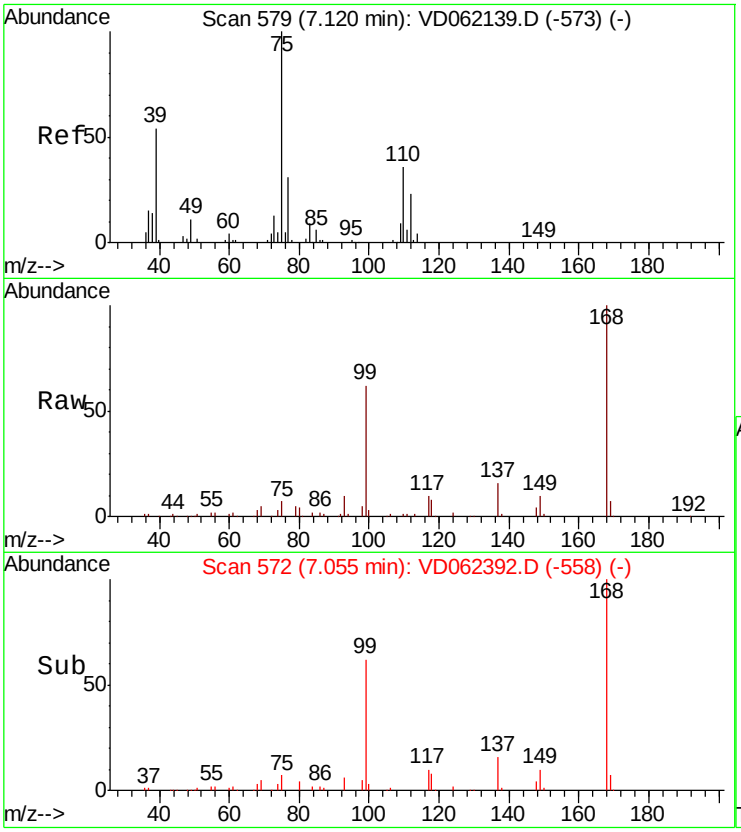


#35
Dibromofluoromethane
Concen: 46.609 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion:113 Resp: 347359

Ion	Ratio	Lower	Upper
113	100		
111	95.2	78.5	117.7
192	16.7	13.0	19.4



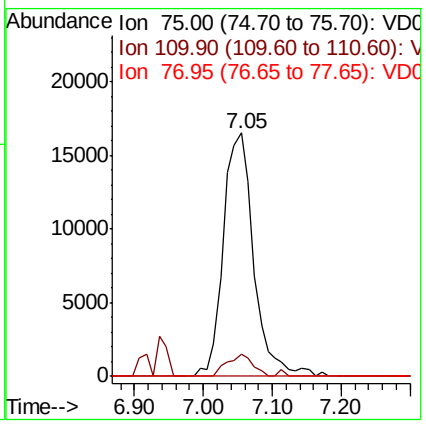


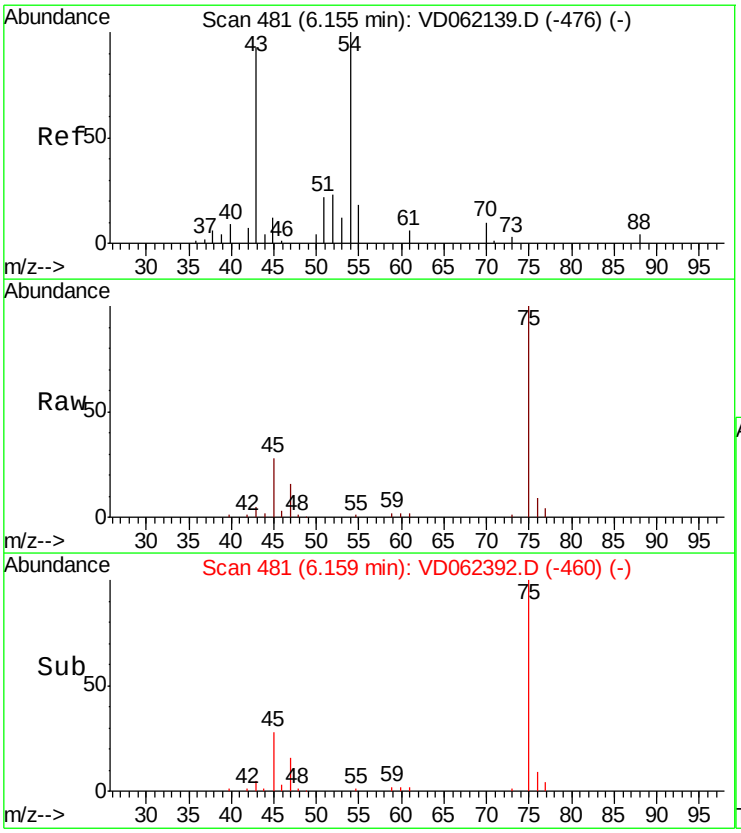
#36
1,1-Dichloropropene
Concen: 6.859 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.07 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 50513

Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.1	57.1#
77	0.0	25.6	38.4#

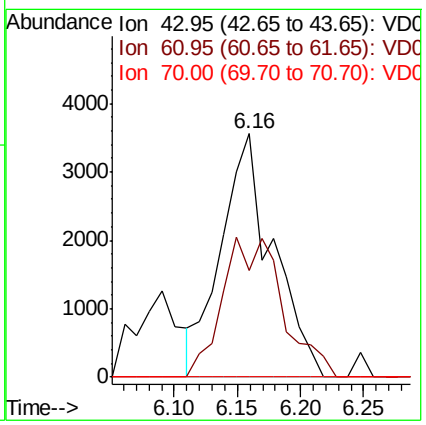


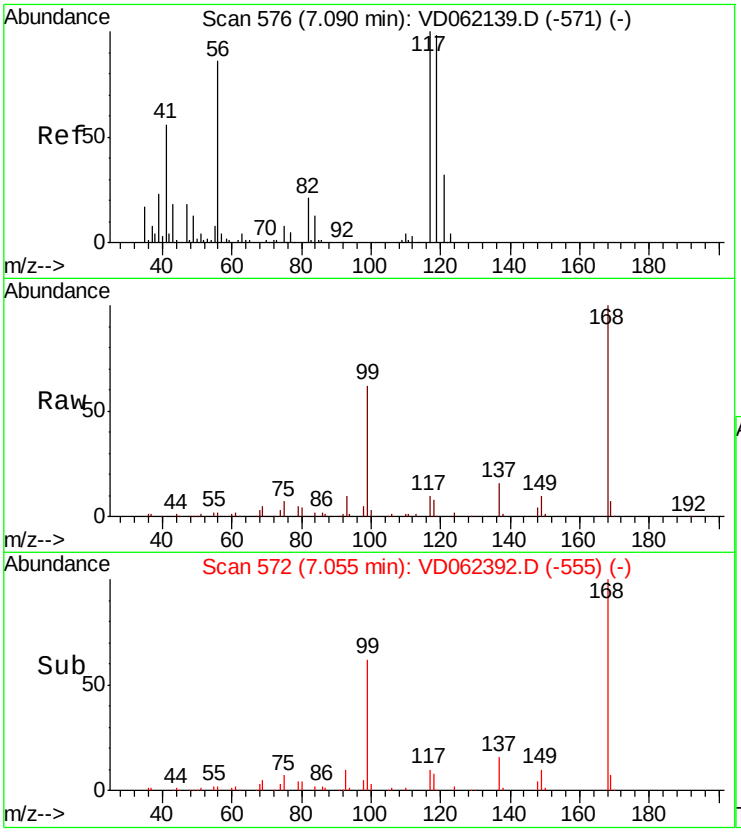


#37
Ethyl Acetate
Concen: 3.225 ug/l
RT: 6.16 min Scan# 481
Delta R.T. 0.00 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 43 Resp: 10072

Ion	Ratio	Lower	Upper
43	100		
61	43.7	14.7	22.1#
70	0.0	7.8	11.6#



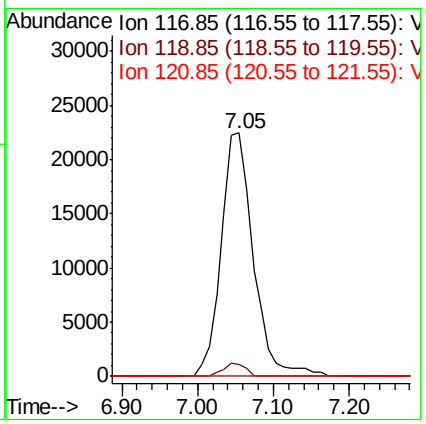


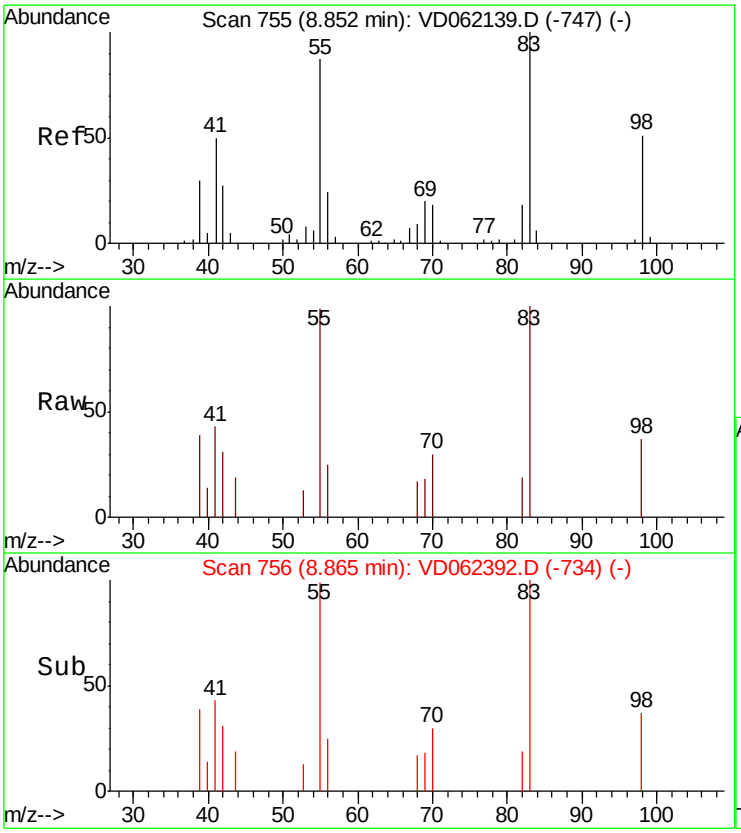
#38
Carbon Tetrachloride
Concen: 6.476 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 66007

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.0	25.9	38.9#

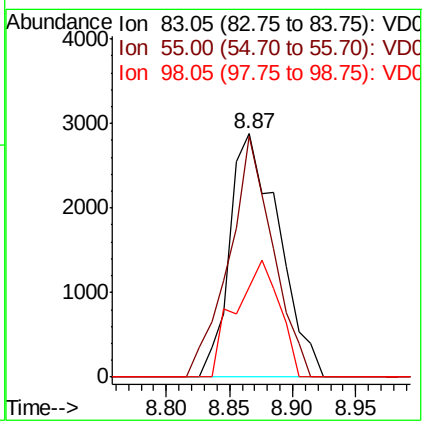


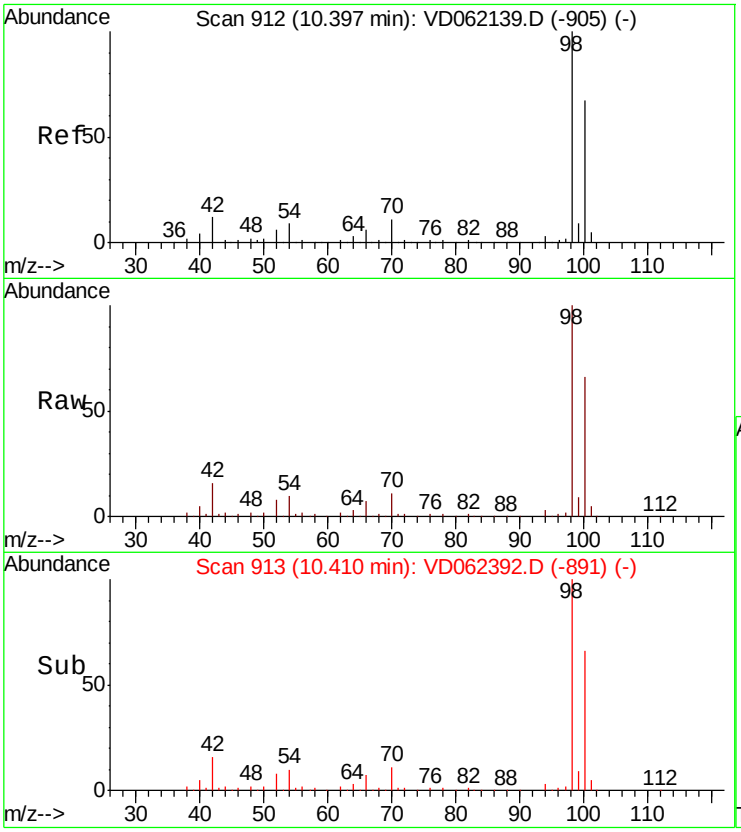


#39
Methylcyclohexane
Concen: 1.099 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 83 Resp: 7754

Ion	Ratio	Lower	Upper
83	100		
55	99.2	68.2	102.4
98	36.8	38.2	57.4#



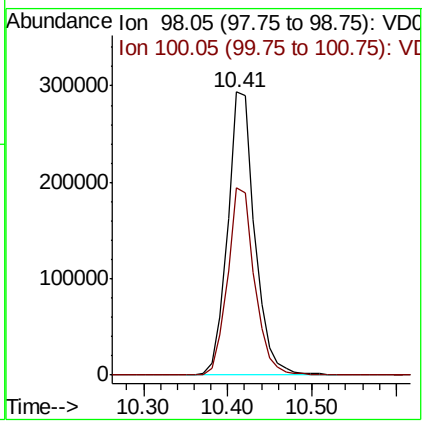


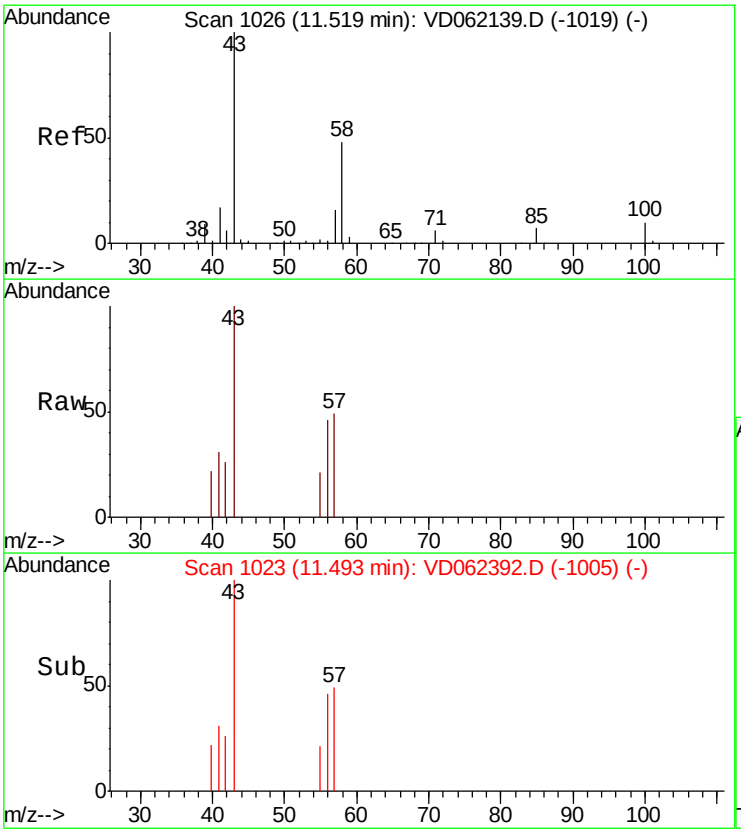
#50
Toluene-d8
Concen: 36.523 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 656274

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.8

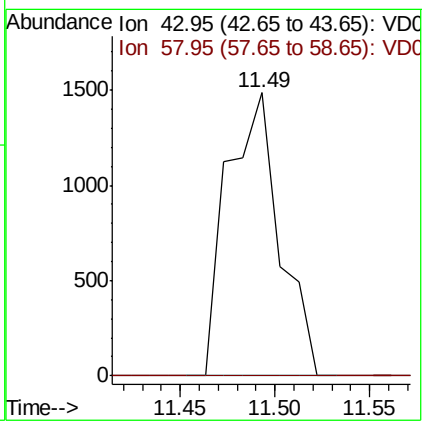


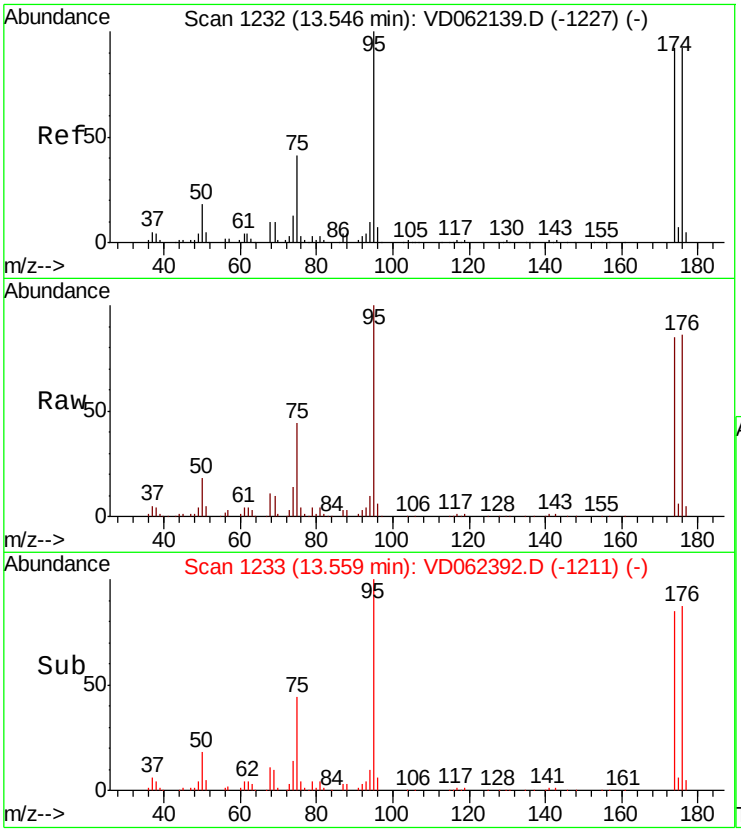


#59
2-Hexanone
Concen: 1.358 ug/l
RT: 11.49 min Scan# 1023
Delta R.T. -0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 43 Resp: 2849

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#



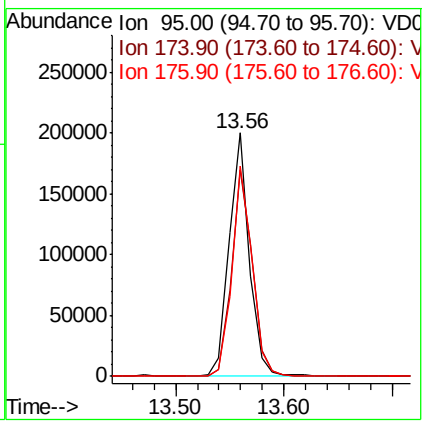


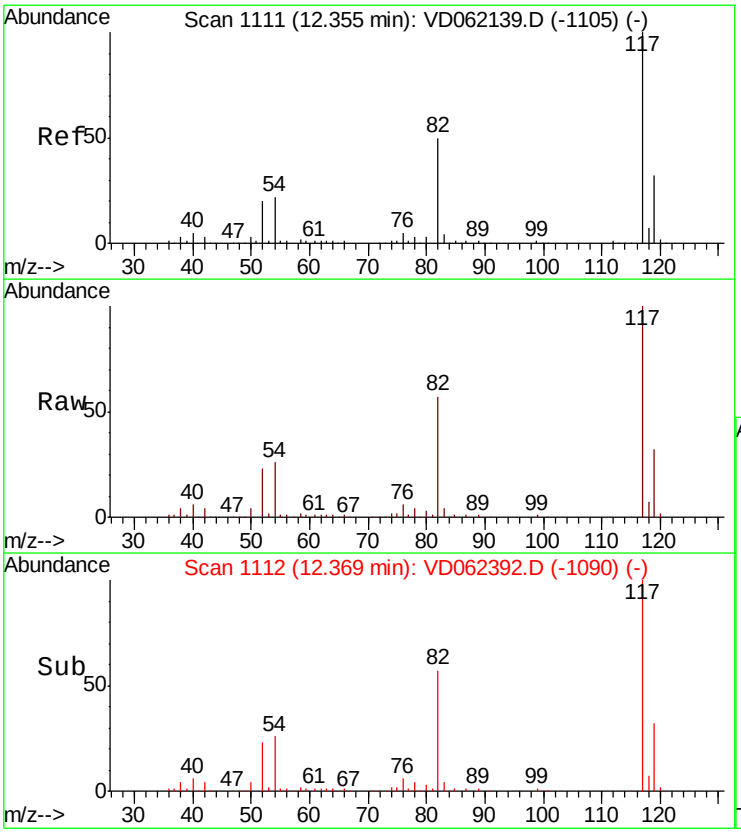
#62
4-Bromofluorobenzene
Concen: 36.125 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 260665

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	181.8
176	86.3	0.0	174.4

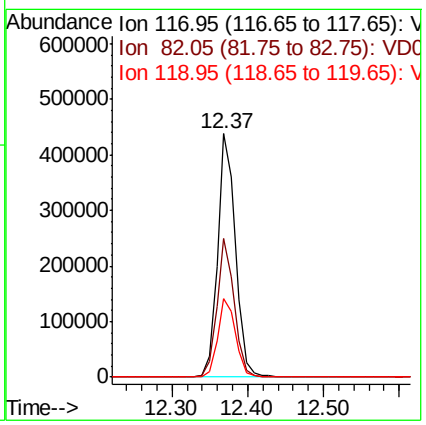


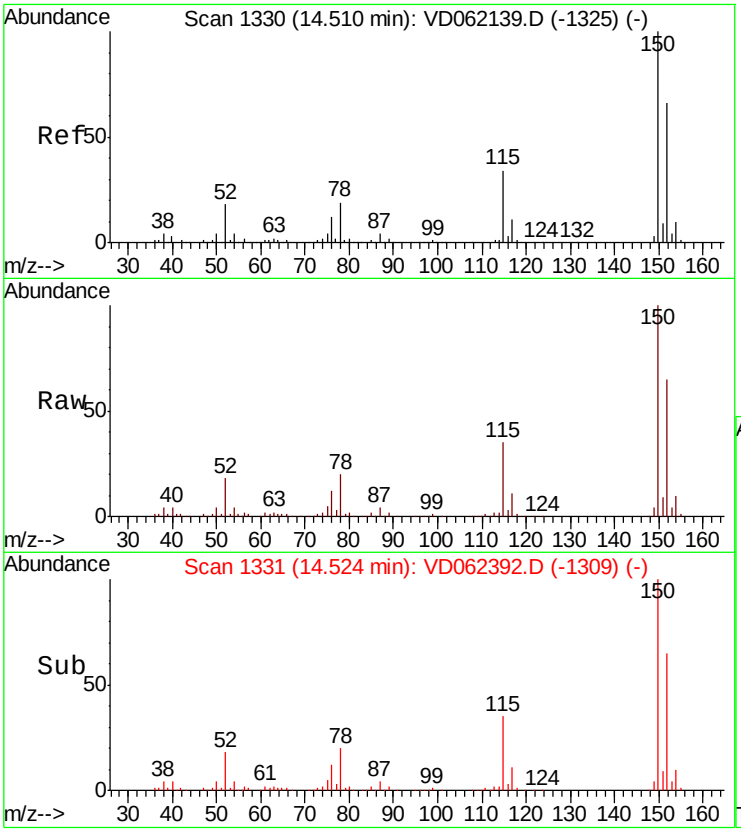


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion:117 Resp: 720319

Ion	Ratio	Lower	Upper
117	100		
82	57.0	36.2	54.2#
119	32.2	26.2	39.4



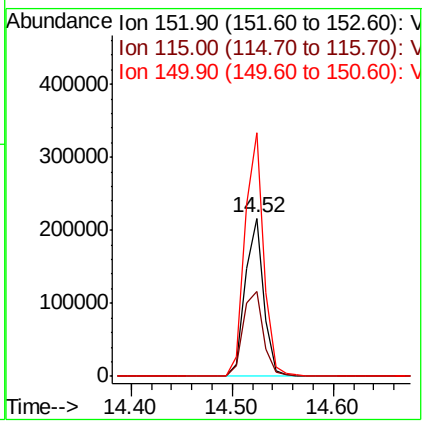


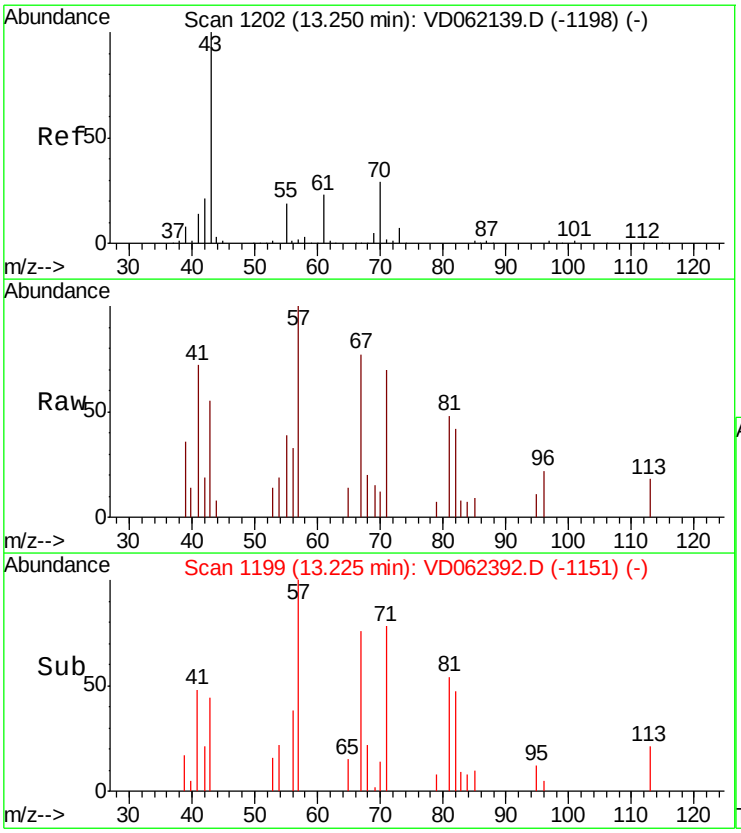
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 278121

Ion	Ratio	Lower	Upper
152	100		
115	54.0	30.9	92.7
150	154.2	0.0	314.8

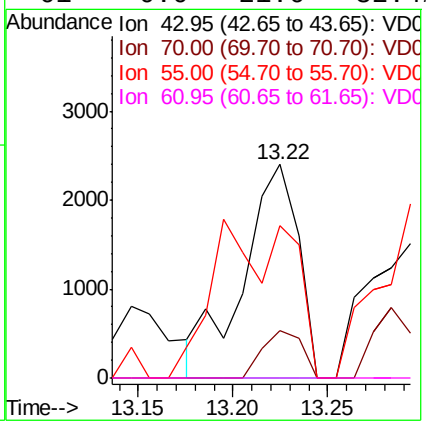


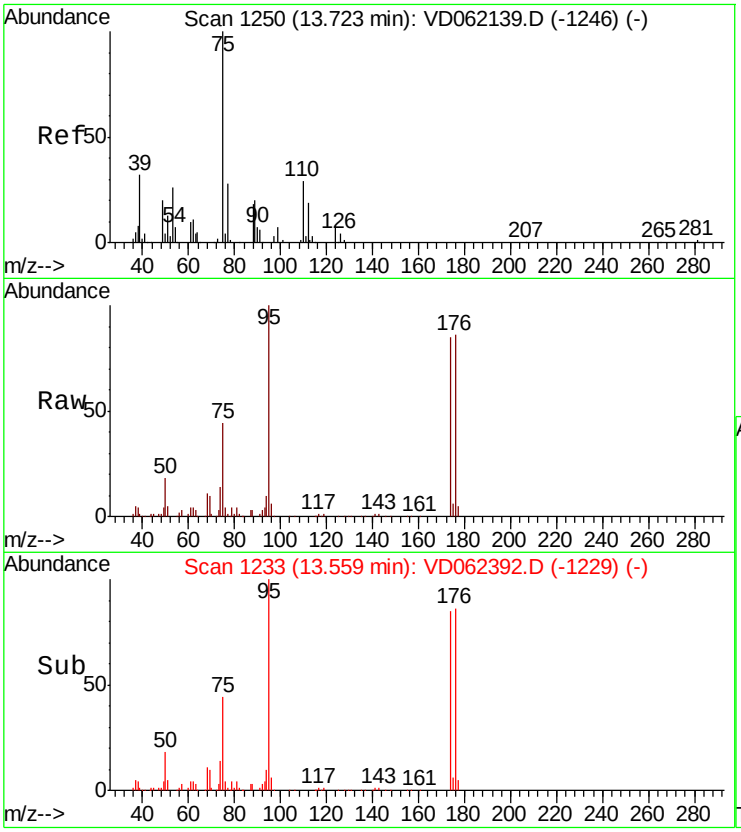


#74
N-amyl acetate
Concen: 1.112 ug/l
RT: 13.22 min Scan# 1199
Delta R.T. -0.03 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion: 43 Resp: 4859

Ion	Ratio	Lower	Upper
43	100		
70	22.3	24.2	36.4#
55	71.3	16.0	24.0#
61	0.0	21.6	32.4#



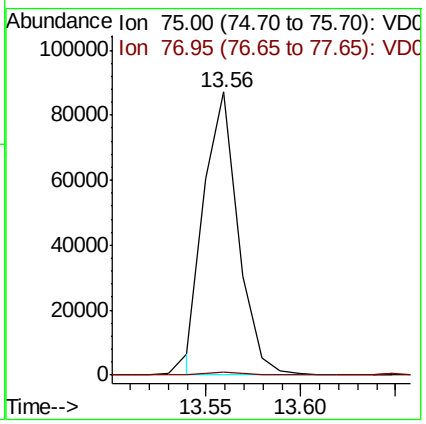


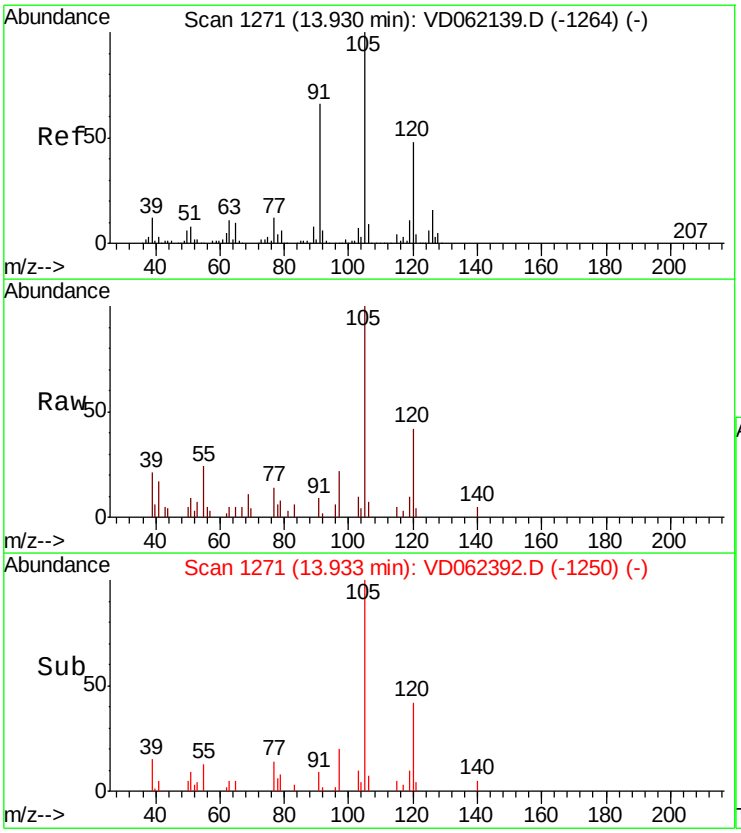
#76
1,2,3-Trichloropropane
Concen: 33.054 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 109253

Ion	Ratio	Lower	Upper
75	100		
77	1.3	16.4	49.4#

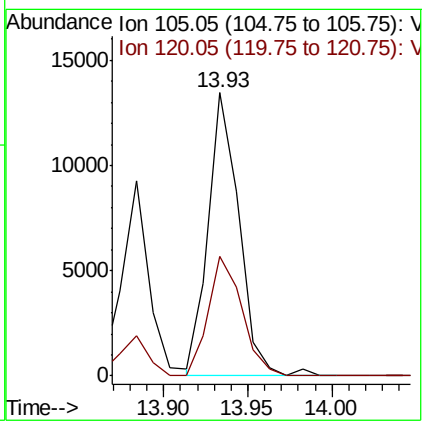


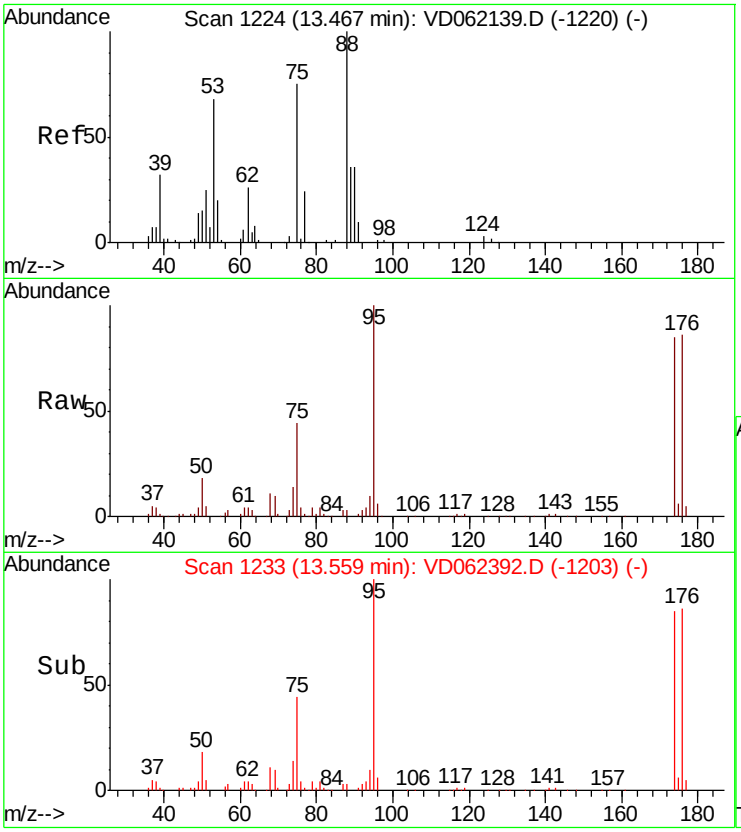


#80
1,3,5-Trimethylbenzene
Concen: 1.219 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Tgt Ion:105 Resp: 17108

Ion	Ratio	Lower	Upper
105	100		
120	42.4	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 121.383 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062392.D
Acq: 15 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 113261

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#